

***ON SINGULARITIES OF FANO FIBRATIONS AND DEGENERATIONS
OF FANO VARIETIES***

Speaker: Junpeng Jiao

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Time: Wed, Mar. 1st, 16:30-17:30

Venue: Room 406, SCMS

Abstract:

The Shokurov-Mckernan conjecture predicts that for a Fano fibration $X \rightarrow Z$, there is a relationship between the log discrepancies of singularities of X and Z . In this talk, we discuss the singularities of Fano fibrations, we show the connection between the Shokurov-Mckernan conjecture and the degenerations of Fano varieties, and we prove a birational boundedness result on the flat degenerations of Fano varieties.